

Application No. 10/617,041
Amendment Dated November 23, 2005
Reply to Office Action of September 23, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A low voltage luminaire assembly comprising:
 - a transformer having a power supply fitting and a power output fitting, said supply and output fittings being push-in wire connectors and adapted to respectively connect an end of an electrical power supply wire and an end of an electrical power output wire to said transformer, said supply and output fittings adapted for quick-release of said respective ends of said electrical power supply and output wires, said electrical power supply wire adapted to connect said transformer to an electrical power supply; and
 - a lamp holder having an electrical power supply connector and an electrical power output connector, said supply connector being a push-in wire connector and adapted for attachment of an opposing end of said electrical power output wire, said output connector being a push-in wire connector and adapted for attachment of another electrical power supply wire, said lamp holder adapted to receive a lamp;

wherein each of said push-in wire connectors includes a movable member adapted to releasably retain an inserted wire and an activating member adapted to move said movable member to release the wire such that the inserted wire is quickly released from said push-in wire connector.
2. (original) The low voltage luminaire assembly of claim 1, wherein said transformer has an electrical protection system.
3. (original) The low voltage luminaire assembly of claim 1, wherein said transformer is rated for between about 20 watts to about 60 watts.

Application No. 10/617,041
Amendment Dated November 23, 2005
Reply to Office Action of September 23, 2005

4. (original) The low voltage luminaire assembly of claim 1, wherein
said transformer is adapted to receive about 120VAC and to output from about
11VDC to about 12VDC.
5. (original) The low voltage luminaire assembly of claim 1, wherein
said transformer includes a mountable side adapted to mount said transformer to
an object.
6. (original) The low voltage luminaire assembly of claim 5, wherein
said mountable side is mountable by selecting from the group consisting of an
adhesive, an adhesive tape, a screw, a bolt, a snap-fitting, a press-fitting, a
rivet, a nail, and combinations thereof.
7. canceled
8. (previously amended) The low voltage luminaire assembly of claim 1, wherein
said push-in wire connectors are corrosion resistant.
9. (original) The low voltage luminaire assembly of claim 1, wherein
said supply wire is rated for about 120VAC.
10. (original) The low voltage luminaire assembly of claim 1, wherein
an electrical plug component is connected to said electrical power supply wire.
11. (original) The low voltage luminaire assembly of claim 10, wherein
said electrical plug component is adapted to pierce said electrical power supply
wire.
12. (original) The low voltage luminaire assembly of claim 1, further comprising
a dimmer switch connected to said electrical power supply wire.

Application No. 10/617,041
Amendment Dated November 23, 2005
Reply to Office Action of September 23, 2005

13. (original) The low voltage luminaire assembly of claim 12, wherein
said dimmer switch is adapted to pierce said electrical power supply wire.
14. (original) The low voltage luminaire assembly of claim 1, wherein
said lamp holder includes a second mountable side adapted for mounting said
lamp holder to an object.
15. (original) The low voltage luminaire assembly of claim 14, wherein
said second mountable side is mountable by selecting from the group consisting of
an adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a nail, a pin, a
snap-fitting, a press-fitting, and combinations thereof.
16. (currently amended) The low voltage luminaire assembly of claim 1, wherein
~~said supply and output fittings have means for releasing one of said respective
ends of said electrical power supply and output wires~~ said movable member is
selected from the group consisting of a connector spring, a detent, a pressure
plate, a leaf spring, an aperture defining capture teeth and combinations
thereof.
17. (original) The low voltage luminaire assembly of claim 16, wherein
~~said means for releasing is a quick release device having a quick release button
adapted to temporarily neutralize a spring constant~~ said activating member is a
quick-release button.
18. (original) The low voltage luminaire assembly of claim 1, wherein
said lamp is selected from the group consisting of an incandescent lamp, a xenon
lamp, a fluorescent lamp, a neon lamp, a halogen lamp, and combinations
thereof.
19. (original) The low voltage luminaire assembly of claim 1, wherein
said lamp holder is a plurality of lamp holders.

Application No. 10/617,041
Amendment Dated November 23, 2005
Reply to Office Action of September 23, 2005

20. (currently amended) A light assembly comprising:
a transformer having an electrical power supply push-in wiring terminal and an electrical power output push-in wiring terminal, said electrical power supply and output wiring terminals adapted for respectively connecting and disconnecting an electrical power supply wire and an electrical power output wire to said transformer;
wherein each of said push-in wiring terminals includes a movable member adapted to releasably retain an inserted wire and an activating member adapted to move said movable member to release the wire such that the inserted wire is quickly released from said push-in wiring terminal.
21. (original) The lighting assembly as in claim 20, wherein
said transformer has an electrical protection system.
22. (original) The lighting assembly of claim 20, wherein
said transformer has a mountable side adapted for mounting said transformer to an object.
23. (original) The lighting assembly of claim 22, wherein
said mountable side is mountable by selecting from the group consisting of an adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a nail, a pin, a snap-fitting, a press-fitting, and combinations thereof.
24. (original) The lighting assembly as in claim 20, wherein
said electrical power supply push-in and output wiring terminals are adapted for quickly releasing a wire.

Application No. 10/617,041
Amendment Dated November 23, 2005
Reply to Office Action of September 23, 2005

25. (original) The lighting assembly as in claim 20, wherein
a lamp holder has an input connector, said input connector adapted to be
connected to said electrical power output wiring terminal of said transformer
with a lamp holder lead wire.
26. (original) The lighting assembly as in claim 25, wherein
said lamp holder is adapted to be connected to another lamp holder with another
lamp holder lead wire.
27. (original) The lighting assembly as in claim 25, wherein
said lamp holder has a mountable side adapted to mount said lamp holder to an
object.
28. (original) The lighting assembly as in claim 27, wherein
said mountable side is mountable by selecting from the group consisting of an
adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a nail, a pin, a snap-
fitting, a press-fitting, and combinations thereof.
29. (currently amended) A method for installing a low voltage luminaire assembly,
comprising the steps of:
providing a low voltage luminaire assembly kit having a lamp holder and a
transformer;
attaching the lamp holder to an area;
attaching the transformer to the area; and
connecting a lead wire from the lamp holder to a capture and push-in wiring
quick-release fitting of the transformer, the capture and push-in wiring quick-
release fitting including a movable member adapted to releasably retain the
inserted wire and an activating member adapted to move said movable

Application No. 10/617,041
Amendment Dated November 23, 2005
Reply to Office Action of September 23, 2005

member to release the inserted wire such that the inserted wire is quickly released from said capture and push-in wiring quick-release fitting.

30. (original) The method as in claim 29, wherein
attaching the lamp holder comprises attaching a plurality of lamp holders.
31. (original) The method as in claim 30, further comprising
linking at least two of the lamp holders via a lead wire.
32. (original) The method as in claim 29, further comprising
connecting the transformer to a source of electrical power.
33. (original) The method as in claim 31, further comprising
measuring a length of the lead wire required between each lamp holder.
34. (original) The method as in claim 33, further comprising
cutting the lead wire to the required length.
35. (original) The method as in claim 29, further comprising
mounting the lamp holder and the transformer by selecting from the group
consisting of an adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a
nail, a pin, a snap-fitting, a press-fitting, and combinations thereof.
36. (original) The method as in claim 32, further comprising
attaching an electrical plug component to the transformer to connect the
transformer to the electrical power source.
37. (original) The method as in claim 36, further comprising
attaching a dimmer switch proximate the electrical plug component, the dimmer
switch adapted to selectively adjust a resistance in an electrical circuit between
the electrical plug component and the transformer.

Application No. 10/617,041
Amendment Dated November 23, 2005
Reply to Office Action of September 23, 2005

38. (currently amended) The method as in claim 29, wherein connecting the lead wire to the capture and quick-release fitting of the transformer comprises connecting the lead wire to the movable member of the capture and quick-release fitting that is selected from the group consisting of a connector spring, a detent, a pressure plate, a leaf spring, an aperture defining capture teeth and combinations thereof.
39. (original) The method as in claim 29, further comprising inserting a lamp in the lamp holder.
40. (original) The method as in claim 29, further comprising routing the lead wire in a non-linear orientation.
41. (original) The method as in claim 29, wherein providing a low voltage luminaire assembly kit having a lamp holder and a transformer comprises providing a transformer having an electronic protection system.
42. (original) The method as in claim 41, wherein providing a transformer having an electronic protection system comprises providing a transformer having a built-in circuit breaker as the electronic protection system.
43. (currently amended) A method for servicing a luminaire assembly, comprising the steps of:
disconnecting the luminaire assembly from a source of electrical power;
releasing electrical wires from one of a transformer and a lamp holder with quick-release push-in wiring connections, each of the quick-release push-in wiring

Application No. 10/617,041
Amendment Dated November 23, 2005
Reply to Office Action of September 23, 2005

connections including a movable member adapted to releasably retain an inserted wire and an activating member adapted to move said movable member to release the inserted wire such that the inserted wire is quickly released from the quick-release push-in wiring connection;
removing one of the transformer and lamp holder from an installation area;
attaching one of a replacement transformer and another lamp holder in the installation area; and
reinserting the electrical wires in the push-in wiring connection in one of the replacement transformer and the another lamp holder.

44. (original) The method as in claim 43, further comprising reconnecting the luminaire assembly to the electrical power source.
45. (original) The method as in claim 43, further comprising replacing the transformer with a higher rated transformer.
46. (original) The method as in claim 43, further comprising adjusting a position of one of the transformer and the lamp holder.
47. (original) The method as in claim 46, wherein adjusting the position comprises adjusting the position by selecting from the group consisting of an adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a nail, a pin, a snap-fitting, a press-fitting, and combinations thereof.
48. (original) The method as in claim 43, further comprising removing or inserting a plurality of bulbs.
49. (currently amended) A lighting assembly, comprising:
a lamp holder having an electrical power supply push-in wiring terminal and an electrical power output push-in wiring terminal, said electrical power supply push-in and output push-in wiring terminals adapted for respectively

Application No. 10/617,041
Amendment Dated November 23, 2005
Reply to Office Action of September 23, 2005

connecting and disconnecting an electrical power supply wire and an electrical power output wire to said lamp holder;

wherein each of said push-in wiring terminals includes a movable member adapted to releasably retain an inserted wire and an activating member adapted to move said movable member to release the wire such that the inserted wire is quickly released from said push-in wire connector.

50. (original) The lighting assembly as in claim 49, wherein
said lamp holder has a mountable side adapted for mounting said lamp holder to
an object.
51. (original) The lighting assembly as in claim 50, wherein
said mountable side is mountable by selecting from the group consisting of an
adhesive, an adhesive tape, a screw, a bolt, a nut, a snap-fitting, a press-fitting,
a rivet, a nail, a pin, and combinations thereof.
52. (currently amended) The lighting assembly as in claim 49, wherein
~~said electrical power supply push-in and output wiring terminals are adapted for~~
~~quickly releasing a wire~~ said movable member is a leaf spring and said
activating member is a button adapted to move said leaf spring to quickly
release the inserted wire.
53. (previously amended) The lighting assembly as in claim 49, wherein
a transformer has an output connector, said output connector adapted to connect to
said electrical power supply connector of said lamp holder with a lead wire.
54. (original) The lighting assembly as in claim 53, wherein
said transformer includes a mountable side adapted to mount said transformer to
an object.

Application No. 10/617,041
Amendment Dated November 23, 2005
Reply to Office Action of September 23, 2005

55. (original) The lighting assembly of claim 54, wherein
said mountable side is mountable by selecting from the group consisting of an
adhesive, an adhesive tape, a screw, a bolt, a nut, a rivet, a nail, a pin, a snap-
fitting, a press-fitting, and combinations thereof.
56. (original) The lighting assembly as in claim 53, wherein
said transformer has an electrical protection system.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.